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# ANNUAL REPORT

OF THE

MEDICAL OFFICER  
OF HEALTH

O. H. SIUNG,

B.Sc., M.B., CH.B., D.P.H.,

FOR THE YEAR

1948.

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## BOROUGH OF WALLSEND.

## SANITARY COMMITTEE.

*Chairman*—COUNCILLOR R. A. LOWDON.*Vice-Chairman*—COUNCILLOR J. RICHARDSON.*The Mayor*—ALDERMAN PAUL J. MCARDLE, J.P.

## ALDERMEN—

J. A. FREEBURN, J.P.

J. PATON, J.P.

J. MULLARKEY.

## COUNCILLORS—

J. N. DAVIES

W. K. PURDIE

M. JOHNSON

J. RICHARDSON

M. KINNON

W. RICKELTON

R. A. LOWDON

D. SOWERBY

W. S. MACKAY

A. SUTHERLAND

W. D. MAXWELL

J. C. GROGAN.

J. A. MCFADYEN

J. S. WYLIE

R. PINKNEY

## Maternity &amp; Child Welfare Committee

*Chairman*—COUNCILLOR J. RICHARDSON.*Vice-Chairman*—COUNCILLOR D. SOWERBY.*The Mayor*—ALDERMAN PAUL J. MCARDLE, J.P.

## ALDERMEN—

F. O. HOWE

A. M. WALLACE, J.P.

## COUNCILLORS—

P. CHUTE

W. S. MACKAY

J. GIBSON

J. A. MCFADYEN

F. J. GRAY

C. L. PALMER

J. HARDY

J. RICHARDSON

M. JOHNSON

W. RICKELTON

M. KINNON

D. SOWERBY

R. A. LOWDON

J. C. GROGAN.

H. T. LYNCH

J. WATSON

AND

MRS. F. DICKINSON

MRS. E. A. MOORE

MRS. M. I. FERGUS

MRS. E. PURDIE

MRS. R. H. S. LOWDON

MRS. L. L. T. TURPIN

MRS. J. H. MCFADYEN

MRS. E. J. WILSON

# STAFF OF PUBLIC HEALTH DEPARTMENT.

Office.	Name.	Remarks.	Whole or Part Time.	Salary contrib'd under Public Health Acts or by Exchequer Grants.
Medical Officer of Health, Principal Sc'l. Medical Officer, Medical Supt. Maternity and Child Welfare	O. H. Siung	B.Sc., M.B., Ch.B., D.P.H.	Whole Time	Both.
Chief Sanitary Inspector, Housing Inspector, Inspector under Diseases of Animals Acts	William L. Black		Whole Time	P.H. Acts
Shops Inspector, Petroleum Inspector, Public Cleansing Officer				
1st Asst. Sanitary Inspector	Stanley S. McIntyre		do.	Nil.
2nd Asst. Sanitary Inspector	James A. Murphy		do.	Nil.
*Health Visitors and School Nurses	*Miss N. Forrest		do.	Exch. Grants
	*Mrs. L. Charlton		do.	do.
	*Miss L. Minns		do.	do.
	*Miss M. Taylor		do.	do.
	*Miss K. Hodgson		do.	do.
	Mrs. L. McKenna	Commenced May, 1948	do.	do.
*School Nurse	Miss E. C. McIntyre	Commenced Jan. 1948	do.	do.
Chief Clerk	Walter Morrison		do.	Nil.
Shorthand Typist	Miss F. C. Steel		do.	Nil
*Clerk (M. & Child Welfare)	*,, C. M. Drummond		do.	Nil.
Clerk (School Medical)	,, M. Midcalf		do.	Ex. Grants
*Junior Clerk	*,, I. Waddington		do.	Nil.
*Junior Clerk	*,, R. Riccalton		do.	Nil.

\* Transferred to Northumberland County Council 5th July, 1948, under the National Health Service Act, 1946.



HEALTH DEPARTMENT,

TOWN HALL,

WALLSEND,

October, 1949.

*To the Mayor, Aldermen and Councillors of the Borough of Wallsend.*

Ladies and Gentlemen,

I have the honour and pleasure to submit for your consideration my Annual Report for the year 1948.

This year will stand out as a milestone in the evolution of Public Health Administration in Britain; on the 5th July, 1948, the National Health Service Act, 1946, was launched.

Wallsend has always been a progressive Authority with respect to Child Welfare; and prior to the above operative date was an autonomous body for Infant Welfare. Under the New Act statutory responsibility was transferred to the Local Health Authority—Northumberland County Council. The new arrangements consist of the delegation of certain duties to a Sub-Committee of the County Council's Health Committee. This Sub-Committee is made up of a majority of members elected from the Wallsend Council. Services carried out on behalf of the County Council include Child Welfare work, conduct of the Ambulance Service, Home Help Schemes, Convalescent treatment with Care and After-Care, Vaccination and Immunisation Services. A well designed and executed Health Centre situated in pleasant wooded surroundings was handed over to the County Council. In this substantial building is carried out School Medical, Maternity and Child Welfare and Dental Services.

In 1948, the appointment of an additional Dental Surgeon, working in a Mobile Dental Unit, was made; also an extra Child Welfare Session was introduced at the Welfare Clinic at Willington Quay.

I report with satisfaction that the Death Rate for Pulmonary Tuberculosis has maintained its decline and now stands at 0.49 as compared with 0.57 for 1947. This is the lowest rate so far recorded in Wallsend. The Infantile Mortality rate for 1948 was 54.6 per 1,000 births; this figure can be considered satisfactory for a compact industrial area. The general Death Rate shows a decrease to 11.1 from 11.7 for the previous year. The general rate for England and Wales is 10.8. The Birth Rate for the year is 21.98.

On account of a vigorous campaign of diphtheria immunisation, I am pleased to report that no deaths from diphtheria occurred during 1948 and only two cases of this disease were encountered. Whooping Cough inoculation is being carried out on subjects the parents of whom desire it.



I wish to draw attention to the increase in the population of the Borough from 46,980 to 48,270—a rise of 1,290. The previous annual increase was 570. This observation will no doubt have a considerable bearing on housing conditions. With the average family consisting of four members, an annual housing allocation of 322 is needed to cope with the increase alone. In addition, deterioration of property during the War and Post-war years has accumulated and necessitates rehousing of families living in property now due for closing or demolition. In the near future an increased allocation will become necessary as the need to alleviate the situation becomes more insistent. It has been estimated that 480 new houses will be needed per annum for a period of 5 years to satisfy the needs of the population. The allocation for 1948 was 130.

The number of families rehoused in 1948 was 260, of these 21 included tuberculosis members, 77 sub-tenants were rehoused and 162 overcrowded tenants were accommodated. The excess in the number of families rehoused during 1948 over the building allocation can be explained by the fact that a large number of houses started in 1947 were completed in 1948, and that vacated premises were available to accommodate certain families. The social problem created by newly married couples setting up home with parents has far reaching social implications and it is my opinion that every opportunity should be given to encourage young people to live their own lives and to face their problems in their own way.

Despite difficult housing circumstances occasioning overcrowding and the habitation of old property, the health of the people on a whole remains good.

The Medical Officer of Health for Wallsend is also the Divisional School Medical Officer, the Area Executive Medical Officer and the Clinical Medical Officer for Child Welfare. This arrangement concentrates advisory co-ordination of various aspects of Health Administration and can be conveniently applied to a densely populated and compact area. An Assistant County School Medical Officer—Dr. E. L. Hughes—carried out duties with respect to the School Medical Service.

It is proposed to appoint an Assistant Medical Officer during the approaching year to help in the discharge of the various functions above mentioned.

The work of the Sanitary Department under Mr. W. L. Black, the Chief Sanitary Inspector, has been carried out most satisfactorily.

The untiring efforts of the Chairman and Members of the Sanitary and Maternity and Child Welfare Committees are highly appreciated and I here, in conclusion, thank the Members of the Staff in the Health Department and the Health Centre for their keen interest and loyal support in carrying out their duties.

I am,

Your obedient Servant,

O. H. SIUNG,  
*Medical Officer of Health.*

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(1) Area of the Borough	...	...	...	3,543.993 acres
(2) Population at Census 1931	...	...	...	44,587
(3) Population 1948	...	...	...	48,270
Registrar General's Estimate	...	...	...	
(4) No. of inhabited houses at end of 1948 (estimated)				13,390
(5) Rateable Value (at 31/3/48)	...	...	...	£266,000
(6) Product of a penny rate	...	...		£1,072 2s. 4d.

*Social Conditions.*—The Municipal Borough of Wallsend with an area of 3,543.933 acres and a river frontage of 2.1 miles on the north bank of the River Tyne, is situated between the City and County of Newcastle upon Tyne on the west and the County Borough of Tynemouth on the east in both of which directions it is already built up so that all future housing or industrial developments can only be established northwards.

The area is almost entirely an industrial one, the chief industries being shipbuilding and repairing, marine and general engineering, rope making, as well as coal mining and coal export.

The larger firms operate welfare schemes and provide canteen and recreation facilities for their employees besides which the local Colliery Welfare Scheme has established pit-head baths.

With the exception of a large rope works in the area mostly employing unmarried female workers, it has not been the local custom to employ female workers industrially.

During the year there has been a further diminution of female labour in the heavy industries.

## EXTRACTS FROM VITAL STATISTICS.

		Total. Male. Female.				
Live Births—						
Legitimate	...	1,029	533	496	Birth Rate per 1,000 of the	
Illegitimate	...	32	16	16	estimated resident popu-	
					lation .....21.98	

Still Births—						
Legitimate	...	37	18	19	Rate per 1,000 total (live	
Illegitimate	...	6	3	3	and still births) .....	38.9

Death Rate of Infants under one year of age (Infantile Mortality—						
All Infants per 1,000 live births	...	...	...	...		54.6
Legitimate Infants per 1,000 legitimate live births	...					54.4
Illegitimate Infants per 1,000 illegitimate live births	...					62.5

		Total Male Female				
Deaths	...	537	307	230	Death Rate per 1,000 of the	
estimated resident popu-						
lation .....						11.1

### Deaths from Puerperal Causes (Maternal Mortality)—

Death rate per 1,000 live and still births.

Puerperal and Post Abortive Sepsis	...	...	...	Nil
Other Maternal Causes	...	...	...	4

Number of Deaths from Cancer (all ages)	...	...	...	84
Number of Deaths from Measles (all ages)	...	...	...	Nil
Number of Deaths from Whooping Cough (all ages)	...			Nil
Number of Deaths from Diarrhoea (under 2 years of age)	...			5

## VITAL STATISTICS.

*Population.*—The population of the Borough at the 1931 census was 44,587.

For 1948 the Registrar General has fixed the Resident Population of Wallsend as 48,270.

For yearly records of population see Table I in Appendix table.



## BIRTHS.

*Births*—During 1948 there were 1,061 live births and a birth rate of 21.98 per 1,000 population compared with 1,157 births and a rate of 24.62 for the preceding year. Of the total births 549 were males and 512 females. These figures regarding births are the Registrar General's corrected number for "Inward" and "Outward" transfer births.

There were 32 illegitimate births (16 male and 16 female), or 3.0 per cent. of the total live births.

The annual birth rates for the Borough since 1913 are shown in Table I of the appendix. The number of births reported to the Health Department under the Public Health Act, 1936, is shown in Table VI of the appendix.

The birth rate for the Borough compared with that of the country generally is hereunder :—

						Per 1,000 population
England and Wales	...	...	...	...	...	17.9
126 County Boroughs and Great Towns	...	...	...	...	...	20.0
148 Smaller Towns	...	...	...	...	...	19.2
London	...	...	...	...	...	20.1
Wallsend	...	...	...	...	...	21.98

Births registered in the respective wards for the years 1944 to 1948 were as hereunder :—

WARDS.				1944	1945	1946	1947	1948
Northumberland	...	...	...	28	15	24	16	17
Wallsend	...	...	...	85	64	93	119	88
Carville	...	...	...	72	68	104	72	58
Buddle	...	...	...	549	470	462	477	501
Holy Cross	...	...	...	44	34	52	41	45
Hadrian	...	...	...	53	50	38	54	54
Willington	...	...	...	115	81	75	101	16
Willington Quay	...	...	...	29	232	313	337	425
Howdon	...	...	...	59	47	48	35	42
Totals ...				1034	1061	1209	1252	1246
Registrar-General's corrected number ...				1065	875	1058	1157	1061

The large number of births assigned to the Buddle and Willington Wards is accounted for by the notification of births from the Wallsend and Willington Quay Maternity Hospitals respectively situated in these Wards. Some such births should properly be assigned to other Wards whilst many are outward transfer births assignable to other Local Authorities.

*Still Births.*—The number of Still-births registered during 1948 as supplied by the Registrar General was :—

	Male.	Female.	Total.
Legitimate ... ..	18	19	37
Illegitimate ... ..	3	3	6
	<hr/> 21	<hr/> 22	<hr/> 43

Still-births in Wallsend compared with the country generally are as hereunder :—

	Per 1,000 population.
England & Wales ... ..	0.42
126 County Boroughs and Great Towns ...	0.52
148 Smaller Towns ... ..	0.43
London ... ..	0.39
Wallsend ... ..	0.89

## DEATHS.

*Deaths.*—During 1948, 537 deaths of Wallsend residents occurred, which is equivalent to an annual death rate of 11.1 per 1,000 of the population as compared with a rate of 11.7 in 1947 and 11.9 in 1946. Included in the number of deaths are those of 146 residents of the Borough who died elsewhere, but 33 residents of other areas who died in Wallsend are excluded.

## CHIEF CAUSES OF MORTALITY DURING THE YEAR.

	No. of Deaths.	Percentage of total Deaths.
Heart Disease ... ..	160	29.79
Tuberculosis (all forms) ... ..	29	5.40
Intra Cranial Vascular Lesions ... ..	61	11.36
Cancer ... ..	84	15.64
Pneumonia ... ..	28	5.21
Prematurity ... ..	18	3.35
Congenital Malformations, Birth Injury, Infantile Diseases... ..	12	2.23
Bronchitis ... ..	33	6.14
Violence and accidents ... ..	14	2.60
Nephritis ... ..	9	1.67
Other respiratory diseases ... ..	6	1.11
Diseases of the circulatory system ... ..	12	2.23

Deaths of infants (under one year of age) and maternal deaths are recorded in the section of the report which deals with Maternity and Child Welfare.

The death rate for Wallsend as compared with that for the country generally is as hereunder :—

	Per 1,000 Population.
England and Wales ... ..	10.8
126 County Boroughs and Great Towns ... ..	11.6
148 Smaller Towns ... ..	10.7
London ... ..	11.6
Wallsend ... ..	11.1

The Death Rate for the year of 11.1 per 1,000 of the population was recorded. The corresponding rate for England and Wales was 10.8.

#### DEATHS OF RESIDENTS NOT REGISTERED IN THE BOROUGH.

INSTITUTION OR DISTRICT.	Total Deaths.
Preston Hospital, North Shields ... ..	59
Royal Victoria Infirmary, Newcastle ... ..	39
General Hospital, Newcastle ... ..	13
St. George's Hospital, Morpeth ... ..	5
Emergency Hospital, Ponteland ... ..	2
Emergency Hospital, Shotley Bridge ... ..	3
Wooley Sanatorium ... ..	2
Fleming Memorial, Newcastle ... ..	1
Babies Hospital, Newcastle ... ..	1
Infectious Diseases Hospital, Newcastle ... ..	2
Princess Mary Maternity Hospital, Newcastle ... ..	1
St. Andrews Colony, Morpeth ... ..	1
Throat, Nose & Ear Hospital, Newcastle ... ..	1
St. Joseph's Home, Newcastle ... ..	1
Ministry of Pensions Hospital, Whickham ... ..	1
Thomas Taylor Homes, Stannington ... ..	3
Infectious Diseases Hospital, Sunderland ... ..	1
Prudhoe & Morpeth Hospital ... ..	1
Newcastle... ..	4
Felling U.D. ... ..	1
Kingston upon Hull U.D. ... ..	1
South Shields U.D. ... ..	1
Keighley U.D. ... ..	1
Newbiggin By The Sea... ..	1
TOTAL ... ..	146

*Natural Increase of Population.*—The number of births in excess of deaths during 1948 was 524 as compared with 606 in 1947 and 502 in 1946.

Age at Death.	No. of Deaths.	Percentage of Total.
Under one year ... ..	58	10.80
1— 2 years ... ..	1	0.18
2— 5 „ ... ..	2	0.36
5—15 „ ... ..	5	0.93
15—25 „ ... ..	14	2.60
25—45 „ ... ..	48	8.98
45—65 „ ... ..	141	26.25
65 years and upwards ... ..	268	49.90



The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.								MALES	FEMALES
ALL CAUSES	...	...	...	...	...	...	...	307	230
Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...	0	0
Cerebro Spinal Fever	...	...	...	...	...	...	...	0	0
Scarlet Fever	...	...	...	...	...	...	...	0	0
Whooping Cough	...	...	...	...	...	...	...	0	0
Diphtheria	...	...	...	...	...	...	...	0	0
Tuberculosis of Respiratory System	...	...	...	...	...	...	...	15	9
Other Forms of Tuberculosis	...	...	...	...	...	...	...	4	1
Syphilitic Diseases	...	...	...	...	...	...	...	0	1
Influenza	...	...	...	...	...	...	...	3	0
Measles	...	...	...	...	...	...	...	0	0
Acute Poliomyelitis and Polioencephalitis	...	...	...	...	...	...	...	0	0
Acute Infectious Encephalitis	...	...	...	...	...	...	...	0	0
Cancer of Buccal Cavity and Oesophagus (males only)	...	...	...	...	...	...	...	1	0
Cancer of Uterus	...	...	...	...	...	...	...	0	4
Cancer of Stomach and Duodenum	...	...	...	...	...	...	...	12	7
Cancer of Breast	...	...	...	...	...	...	...	0	3
Cancer of all other Sites	...	...	...	...	...	...	...	40	17
Diabetes	...	...	...	...	...	...	...	0	1
Intra Cranial Vascular Lesions	...	...	...	...	...	...	...	35	26
Heart Disease	...	...	...	...	...	...	...	83	77
Other Diseases of Circulatory System	...	...	...	...	...	...	...	8	4
Bronchitis	...	...	...	...	...	...	...	26	7
Pneumonia	...	...	...	...	...	...	...	13	15
Other Respiratory Diseases	...	...	...	...	...	...	...	4	2
Ulceration of Stomach or Duodenum	...	...	...	...	...	...	...	3	1
Diarrhoea (under 2 years of age)	...	...	...	...	...	...	...	3	2
Appendicitis	...	...	...	...	...	...	...	0	0
Other Digestive Diseases	...	...	...	...	...	...	...	2	3
Nephritis	...	...	...	...	...	...	...	6	3
Puerperal and Post-abortive Sepsis	...	...	...	...	...	...	...	0	0
Other Maternal Causes	...	...	...	...	...	...	...	0	4
Premature Birth	...	...	...	...	...	...	...	10	8
Congenital Malformations, Birth Injury, Infantile Diseases	...	...	...	...	...	...	...	6	6
Suicide	...	...	...	...	...	...	...	1	2
Road Traffic Accidents	...	...	...	...	...	...	...	2	2
Other Violent Causes	...	...	...	...	...	...	...	4	6
All other Causes	...	...	...	...	...	...	...	26	19

Although there is substantial agreement between the Registrar-General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

#### DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.

The seven "Principal zymotic diseases" caused deaths as follows :—

	<i>Death Rate.</i>	
Diarrhoea and Enteritis (under two years)	5	0.103
Measles	—	—
Whooping Cough	—	—
Diphtheria...	—	—
Fever (Enteric, Typhus and simple continued fever)	—	—
Scarlet fever	—	—
Smallpox	—	—

This corresponds to a death rate from all these diseases of 0.103 per 1,000 population.

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

*Public Health Staff.*—During the year, the staff of the Public Health Department was as in the detailed list on Page 7.

### *(a) Laboratory Facilities.*

(1) Bacteriological examination of milk and foodstuffs, etc., also bacteriological specimens from practitioners, the Infectious Diseases Hospital and the Public Health Department are examined and reported on by the Laboratory of the Northumberland County Council at Newburn-on-Tyne, and Public Health Laboratory, General Hospital, Westgate Road, Newcastle upon Tyne.

(2) Foodstuffs and water are sent for chemical examination to J. & H. S. Pattinson, Public Analysts, Newcastle-on-Tyne.

### *(b) Ambulance Facilities.*

(1) Free ambulance facilities were provided by the Local Authority through the Transport Department of the Corporation from the Central Depot, Portugal Place, Tel. No. 63728, where a night and day service with three motor ambulances and personnel was maintained for the transport of accident and other cases to and from hospital.

With the advent of the National Health Service Act, 1946, which was put into operation on 5th July, 1948, this service became the function and responsibility of the local Health Authority—Northumberland County Council.

For administration purposes a number of County Health Sub-Committees were formed; and to conduct various items included under Part III of the Act, a Sub-Committee for the Wallsend Municipal Borough Area was appointed. Ambulance, Child Welfare Care and After Care, Immunisation and Vaccination, and Home Help Services, are such functions which come under the scope of this Sub-Committee. Rulings made by this Sub-Committee are subjected to ratification by the Local Health Authority's Committee.

Since 5th July, 1948, to the end of the Calendar Year the following number of cases was handled:—

Total: 3,429 (includes 111 Emergency Cases).

During the period 1st January to 4th July there were 4,497 ambulance cases including 102 accident cases.

(2) In addition to the above, several industries in the area maintain their own ambulance service.



(c) *Nursing in the Home.*

(1) *General.*

There are two nursing associations in the Borough, the Wallsend and the Willington Quay Nursing Associations respectively, each of which maintains a staff of visiting nurses.

Under Part III of the National Health Service Act, 1946, Sub-Section 28, the Local Health Authority of Northumberland County Council working through the Wallsend Area Sub-Committee is making attempts to work in conjunction with these two nursing Associations. Representation on the respective Committees will be sought, and financial assistance will be offered.

(2) *For Infectious Cases.*

The Health Visitors of the local Authority where necessary visit and advise in the nursing and treatment of Infantile Diarrhoea, Ophthalmia Neonatorum, Measles and Whooping Cough.

(3) *Tuberculosis.*

The authority for Tuberculosis in the area is the Northumberland County Council whose medical and nursing tuberculosis staff keep in touch with notified cases at the Chest Clinic or at their homes, also all notified cases are visited by the Local Authority's Health Visitors, and a card detailing the conditions and home circumstances is completed in each case, further a liason is maintained regarding cases between the local Health Department and the County Council's Tuberculosis staff.

(4) *Midwives.*

The Northumberland County Council are the Supervising Authority under the Midwives Act, 1936, and have five paid Midwives serving in the Borough, also the Willington Quay Nursing Association provide midwives for the eastern portion of the Borough.



## (d) CLINICS AND TREATMENT CENTRES.

The New Health Centre, The Green, which was officially opened on December 21st, 1940, affords model School Clinic and Maternity and Child Welfare facilities.

CLINIC, ETC.	SITUATION.	PROVIDED BY.	WORK DONE.
1.—Maternity and Child Welfare Centre.	The Health Centre, The Green, Wallsend. Open daily for treatment. Sessions Mondays and Wednesdays 2—4. Doctor in attendance Mondays and Wednesdays.	Wallsend Corporation.	1.—Infant Consultations. 2.—Nursing Mother Consultations. 3.—Antenatal do. 4.—Retail of Food stuffs. 5.—Dental Treatment. 6.—Light treatment (special sessions). 7.—Weighing of infants. 8.—Orthopaedic Clinic. 9.—Cleansing Clinic.
2.— do.	Stead Memorial Chapel, Willington Quay. Sessions—Tuesdays, Thursdays, 2—4. Doctor in attendance—Both days.	do.	do. Except Dental and Light treatment, Orthopaedic Clinic, and Cleansing Clinic, which are referred to The Health Centre, Wallsend.
3.—Ante and Post Natal Clinic	The Health Centre, Wallsend and Willington Quay Maternity Hospital.	Wallsend Corporation. Willington Quay Nursing Association.	Examination & supervision of ante and post-natal cases. Expectant women elect their own doctor, and attend sessions at either of the two Clinics.
4.—School Clinic.	The Health Centre, Wallsend. Sessions each weekday morning 9.30—12. Doctor in attendance Tuesdays, Wednesdays and Fridays.	Wallsend Education Authority.	1.—Treatment of minor ailments of school children. 2.—Consultations & advice. 3.—Inspection of special cases 4.—Dental treatment. 5.—Refraction of Visual Defects. 6.—Light treatment (special sessions). 7.—Orthopaedic treatment. 8.—Cleansing Clinic.
5.—Tuberculosis.	High St. East, Wallsend.	Northumberland County Council.	1.—General Consultations, etc.
6.—Venereal Diseases.	Newcastle General Hospital, Westgate Road, Newcastle. Preston Hospital, Preston Road, North Shields.	do.	1.—Consultations. 2.—Treatment. also some of the local general practitioners undertake treatment at their own surgeries on behalf of the Northumberland County Council.

## HOSPITAL ACCOMMODATION.

(1) *Tuberculosis.*

Treatment for tuberculosis previously provided by the North-umberland County Council at the County Sanatorium, Wooley, or other Institutions, is now conducted by the Regional Hospital Board, which Body has acquired the above mentioned Hospitals. In addition a Block consisting of 30 beds, is set up in the precincts of the Wallsend Infectious Diseases Hospital for the maintenance of advanced cases.

(2) *Maternity.*

The Wallsend General and Maternity Hospital provide 14 maternity beds in its Maternity Block.

The Willington Quay Maternity Hospital provide 15 maternity beds in its Maternity Block.

(3) *Children.*

Apart from four cots at the Wallsend General and Maternity Hospital, no other hospital provision for children is afforded in Wallsend.

(4) *General.*

The Wallsend General Hospital which functions in the Borough has a provision of 32 beds and 3 cots for general medical and surgical admissions. On 5th July, 1948, this voluntary institution was taken over by the Regional Hospital Board.

(5) *Infectious Diseases.*

The Earsdon Joint Hospital Board, with hospitals at Wallsend and Scaffold Hill provided isolation hospital accommodation for adjacent areas including Wallsend. The Hospital Board was liquidated on 5th July, 1948, and the Hospitals taken over by the Regional Hospital Board.

**MATERNITY AND CHILD WELFARE.**

## NOTIFICATION OF BIRTHS, 1948.

Notified under the Public Health Act, 1936 (Part VII).

By Doctors and Others	...	...	...	...	89
By Midwives	...	...	...	...	1,025
					<hr/>
Total	...	...	...	...	1,114
					<hr/>
Number of Stillborn	...	...	...	...	31

The proportion of still births to live births was 2.78 per cent.

Comparison with infant mortality in England and Wales :—

					Per 1,000 Live Births.
England and Wales	...	...	...	...	34
126 County Boroughs and Great Towns (including London)	...	...	...	...	39
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	...	...	...	...	32
London	...	...	...	...	31
WALLSEND	...	...	...	...	54.6

## Comparison with previous infant mortality in Wallsend :—

1916	...	...	...	...	97.9
1917	...	...	...	...	125.1
1918	...	...	...	...	113.3
1919	...	...	...	...	133.6
1920	...	...	...	...	111.9
1921	...	...	...	...	110.5
1922	...	...	...	...	92.6
1923	...	...	...	...	79.2
1924	...	...	...	...	91.8
1925	...	...	...	...	108.6
1926	...	...	...	...	63.1
1927	...	...	...	...	85.7
1928	...	...	...	...	83.07
1929	..	...	...	...	94.4
1930	...	...	...	...	72.5
1931	...	...	...	...	85.8
1932	...	...	...	...	80.3
1933	...	...	...	...	78.1
1934	...	...	...	...	78.1
1935	...	...	...	...	66.1
1936	...	...	...	...	78.7
1937	...	...	...	...	71.6
1938	...	...	...	...	85.5
1939	...	...	...	...	56.9
1940	...	...	...	...	52.1
1941	...	...	...	...	90.9
1942	...	...	...	...	77.1
1943	..	...	...	...	77.2
1944	...	...	...	...	59.1
1945	...	...	...	...	61.7
1946	...	...	...	...	62.3
1947	...	...	...	...	52.7
1948	...	...	...	...	54.6

*Infant Deaths—*

Legitimate...	...	...	...	56
Illegitimate	...	...	...	2
				—
				58
				==

*Death Rate per 1,000 Births—*

Legitimate...	...	...	...	54.4
Illegitimate	...	...	...	62.5



The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES  
IN EACH WARD FOR 1948.

WARDS.				Births. Assigned to Wards.	Deaths under 1 year.	Death rate per 1,000 Births.
Northumberland	...	...	...	40	2	50.0
Wallsend	...	...	...	135	14	103.7
Carville	...	...	...	94	6	63.8
Buddle	...	...	...	231	7	30.3
Holy Cross	...	...	...	97	5	51.5
Hadrian	...	...	...	92	6	65.2
Willington	...	...	...	212	9	42.4
Willington Quay	...	...	...	48	5	104.2
Howdon	...	...	...	102	4	39.2
Totals	...	...	...	1051	58	55.1

*Infantile Mortality.*—The Registrar General's return records 58 deaths among infants under one year, during 1948, which, with 10,61 births shews an infantile mortality rate of 54.6 per 1,000 births compared with 52.7 in 1947.

Of the 58 deaths, 32 occurred among males and 26 among females, an infant mortality rate of 58.2 and 50.8 per 1,000 male and female births respectively.

There were 2 deaths of illegitimate children.

Neo-natal deaths or deaths occurring in the first month of life numbered 26, or a neo-natal infant death rate of 24.5 per 1,000 births. Further, of the 26 infants who died in the first month of life, 23 died in the first week.

The principal causes of Infant Deaths under one year, were :—

Prematurity	...	...	...	...	18
Injury at Birth	...	...	...	...	11
Bronchitis	...	...	...	...	5
Pneumonia	...	...	...	...	13
Diarrhoea	...	...	...	...	5

Whilst it is pleasing to record a local birth rate for the year in excess of that for the smaller towns of 25,000 to 50,000 inhabitants as well as that for the country generally on the other hand it is somewhat disappointing to note that the local infantile mortality rate still remains in excess of that for the country as a whole.

## PUERPERAL FEVER.

	1944	1945	1946	1947	1948
No. of Cases Notified	1	1	...	...	...
No. of Deaths ... ..	...	...	...	...	...

## PUERPERAL PYREXIA.

	1944	1945	1946	1947	1948
No. of Cases Notified ... ..	1	1	...	2	4
No. of Deaths ... ..	...	...	...	...	...

## MATERNAL MORTALITY.

4 deaths were recorded during the year.

This means a Maternal Mortality rate of 3.7 per 1,000 births.

## OPHTHALMIA NEONATORUM.

One case of ophthalmia neonatorum notified during the year, was visited by a Health Visitor.

	Cases Notified	Treated at Home	Treated at Hospital	Vision Unim- paired.	Vision Im- paired	Total Blind- ness.
Ophthalmia Neonatorum ... ..	1	1	...	1	...	...

The above result may be regarded as satisfactory, seeing that blindness often occurs after this malady.

*Work of Health Visitors.*—Visits by Health Visitors during the year :—

First visits to expectant mothers ...	200
Re-visits to expectant mothers	30
First visits to infants ... ..	1,060
Re-visits to infants ... ..	5,797
Re-visits to infants 1-5 years ...	8,399

## SPECIAL VISITS BY HEALTH VISITORS.

DISEASES.	No. of Cases Notified.	No. of Cases Visited.	No. of Cases Nursed.	No. of Cases Re- moved to Hospital.
Ophthalmia Neonatorum ... ..	1	1	—	—
Measles ... ..	720	490	—	—
Whooping Cough ... ..	93	46	—	—

## PREMATURE INFANTS.

*Care of Premature Infants (Circular 20/44).*

Number of premature babies notified during 1948, whose mother is normally resident in the Council's Area ... ..	63
Born at home ... ..	23
Born in nursing home or hospital ... ..	40
Number of infants who died during the first 24 hours	5
Number of infants who died during the first month ...	9
Number of infants who survived at the end of the month ... ..	49

## INFANT LIFE PROTECTION.

The care of nursed out children was taken over by the Children's Department, of the Northumberland County Council, on the 5th July, 1948.

## ADOPTION OF CHILDREN (REGULATION) 1939

Ministry of Health Circular 2790 of 18th March, 1943.

The above Regulation came into force on 1st June, 1943.

Number of persons who gave notice under Section 7 (3) during the year ... ..	3
Number of children adopted during the year ...	7
Number of Children under supervision at the end of the year ... ..	52

SUMMARY OF ATTENDANCES AT MATERNITY  
AND CHILD WELFARE CENTRES.

	Wallsend Centre.	Willington Quay Centre.	Total.
Attendances during the year—			
By Health Visitors ... ..	292	116	408
„ Infants ... ..	7927	4135	12062
„ Children, 1 to 5 years ... ..	3939	1266	5205
„ Expectant Mothers ... ..	543	259	802
Consultations—			
Infants and Children ... ..	1699	474	2173
Expectant Mothers ... ..	283	117	400
Average Weekly Attendances—			
(a) Health Visitors ... ..	6	2	8
(b) Infants ... ..	152	80	232
(c) Children, 1 to 5 years ... ..	76	24	100
(d) Expectant Mothers ... ..	10	5	15
Average Weekly Consultations—			
Infants and Children ... ..	32	9	41
Expectant Mothers ... ..	5	2	7
Number who attended for the First Time—			
Infants and Children ... ..	634	218	852
Expectant Mothers ... ..	285	118	403



## TREATMENT CARRIED OUT AT THE MATERNITY AND CHILD WELFARE CENTRES.

Abscess	...	...	...	...	12 cases treated.
Burns and Scalds	...	...	...	1	„
Circumcisions	...	...	...	32	„
Conjunctivitis and Blepharitis	...	...	...	2	„
Eczema and Dermatitis...	...	...	...	4	„
Impetigo	...	...	...	39	„
Otorrhoea	...	...	...	7	„
Ringworm	...	...	...	—	„
Septic Conditions	...	...	...	83	„
Umbilical Hernia	...	...	...	61	„

### ORTHOPAEDIC CLINIC.

A weekly orthopaedic clinic for the treatment of infant and school children commenced July, 1947, under the supervision of a visiting orthopaedic surgeon and a fully trained nurse.

New cases referred during the year	...	...	...	80
Number of cases treated during the year	...	...	...	134

### DRIED MILK AND OTHER FOOD STUFFS.

In addition to 9.5 tons of dried milk of several proprietary brands sold at cost price at the Maternity and Child Welfare Centres during the year, as compared with 20.4 tons in the preceding year, there was also retailed at cost price other supplementary foodstuffs.

### MIDWIFERY AND MATERNITY SERVICES.

The Northumberland County Council who are the supervising Authority under the Midwives Acts provide a domiciliary midwifery service for the area, and it is the duty of midwives under the National Health Service Act, to seek medical assistance for abnormalities or difficulties during confinement, and for mothers and infants during the puerperium.

Besides the above, the Local Health Authority affords medical practitioners, premises and clerical assistance at the Health Centre, The Green, and assistance for any ante, and post natal supervision of mother or infant up to the end of the puerperium, in addition to which, on application, a maternity outfit is afforded to expectant mothers in the Borough. Choice of doctor is exercised by the expectant mother herself.

Maternity hospital accomodation for the area is provided by the Wallsend Maternity Hospital, a Hospital with 14 beds, and the Willington Quay Maternity Hospital with 15 beds.

Under new arrangements afforded by the Regional Hospital Board, patients can also secure admission at Hospitals operating in neighbouring areas, such as Preston Hospital, North Shields, and the Princess Mary Maternity Home, Newcastle.

## ANTE AND POST NATAL SUPERVISION.

<i>Ante-Natal</i> —Number of expectant mothers supervised	...	...	...	990
Total number of attendances	...	...	...	3,783

<i>Post-Natal</i> —Number of mothers supervised	...	...	...	325
Total number of attendances	...	...	...	335

## MATERNITY OUTFITS.

Numbers supplied free	...	...	...	8
Numbers sold at half price	...	...	...	370

## PRIORITY SHEETS FOR EXPECTANT MOTHERS.

Ministry of Health Circular 154/44 dated 5/11/44.

The scheme for the issue of priority blankets/or sheets for expectant mothers commenced Nov. 27th, 1944. During the year 448 priority coupon equivalents for sheets were issued to 224 mothers.

## HOME HELPS.

4 permanent and 4 temporary Home Helps were employed, 65 cases were provided with Home Helps during the year.

## NURSERIES.

The two Day Nurseries each for 49 children (19 under 2 years and 30—2 to 5 years) at Station Road, Wallsend and Willington Quay Park respectively, originally established April 24th, 1944, in permanent hutments by the Ministry of Health in accordance with Circular 2535 (Ministry of Health) and Circular 1573 (Board of Education) and later transferred to the Wallsend Council in connection with the care of young children of women workers continued throughout the year. These establishments were transferred to the care of the Local Health Authority, Northumberland C.C. after 5th July, 1948, and are now administered through the Wallsend Area, Health Sub-Committee. During the year there was an average daily attendance of Children at the Nurseries as hereunder :

WALLSEND NURSERY.		WILLINGTON QUAY NURSERY.	
0—2 years	6		6
2—5 years	28		25
	—		—
	34		31
	==		==

UNMARRIED MOTHERS, ILLEGITIMATE INFANTS  
AND HOMELESS CHILDREN.

The Local Health Authority, Northumberland County Council, has established a well equipped and staffed Home for the specific purpose of catering for the unmarried expectant mother at Bowmer Bank, Morpeth. This house was opened in January, 1948, and can accomodate 20 cases.



In addition, the Newcastle Diocesan Association for Rescue have a Wallsend Branch and shelter at 66 Park Road in charge of Miss W. Skinner. These Organizations afford assistance in the protection and welfare of unmarried mothers, illegitimate infants and homeless children. Besides assisting in securing affiliation orders, and situations for mothers, there ladies also assists in securing admission to homes for infants.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

### NOTIFIABLE DISEASES.

The following is a list of the infectious diseases compulsorily notifiable in the Borough :—

Small-pox, cholera, diphtheria, membranous croup, erysipelas, acute poliomyelitis, cerebro spinal meningitis, ophthalmia neonatorum, puerperal pyrexia, disease known as scarlatina, or scarlet fever, acute polio-encephalitis, encephalitis lethargical, tuberculosis (all forms), acute primary pneumonia, acute influenzal, pneumonia, (malaria, dysentery), and the fevers known by any of the following names :—typhus, typhoid, enteric, relapsing, continued or puerperal.

Measles and whooping cough were made notifiable by regulation in October, 1939.

*Prevalence.*—During the year 1948, there were 1086 cases of infectious disease notified as compared with 417 in 1947.

For the table of infectious diseases notified, age and distribution, see Table II of Appendix.

DISEASE.				TOTAL CASES NOTIFIED.	TOTAL DEATHS.
Acute Poliomyelitis	...	...	...	—	—
Cerebro Spinal Fever	...	...	...	1	—
Scarlet Fever	...	...	...	85	—
Diphtheria	...	...	...	2	—
Puerperal Pyrexia	...	...	...	4	—
Puerperal Fever	...	...	...	—	—
Erysipelas	...	...	...	14	—
Pneumonia	...	...	...	64	28
Dysentery	...	...	...	—	—
Ophthalmia Neonatorum	...	...	...	1	—
Measles	...	...	...	720	—
Whooping Cough	...	...	...	93	—
Respiratory Tuberculosis	...	...	...	81	24
Other Tuberculous Diseases	...	...	...	21	5
TOTALS ...				1086	57



## POLIOMYELITIS.

I state with satisfaction that no cases of Poliomyelitis were notified during 1948. 17 cases, with 2 deaths, were notified during the previous year.

## DIPHTHERIA IMMUNISATION.

## IMMUNISATION IN RELATION TO CHILD POPULATION

Number of children who had completed a full course of immunisation at any time up to 31st December, 1948.

Age at 31.12.48 i.e. born in year	Under 1 1948	1 1947	2 1946	3 1945	4 1944	5 to 9 1938-1942	10 to 14 1933-1937	Total Under 15
Number immunised ...	8	613	584	562	632	3057	2331	7787
Estimated mid-year population 1948 ...	4753					7144		11897
No. of children completing full course of immunisation during 1948 ...	934					126		1060
Estimated percentage of child population immunised as at 31.12.48	50.4					75.4		65.4

- (A) No. of notified cases of Diphtheria under 15 years of age ... 1
- (B) No. of cases in (A) who had completed immunisation not less than 12 weeks before onset of disease ... 1
- (C) Percentage of cases in (A) who were immunised ... 100.0
- (D) No. of deaths from Diphtheria belonging to the Borough of children under 15 years of age ... Nil
- (E) No. of deaths in (D) who had completed immunisation not less than 12 weeks before onset of disease ... Nil

The above statistics record that over 60% of children under 15 years of age have been immunised against Diphtheria.

## SECONDARY OR REINFORCING INJECTIONS.

In September, 1947, a scheme was introduced for the purpose of giving secondary or reinforcing injections to school children. During the year 2,414 children were re-protected.

WHOOPING COUGH.

Opportunity is now given to parents to have their children inoculated against whooping cough which is one of the most distressing diseases in the district. The response has been gratifying.

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1948.

AGE-PERIODS	NEW CASES.				DEATHS. OLD AND NEW CASES.			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 1 year	...	...	...	...	...	...	...	...
1 to 5 years	2	1	1	3	...	...	...	...
5 to 10 „	1	1	4	...	...	...	...	...
10 to 15 „	2	...	4	...	...	...	1	...
15 to 20 „	9	5	...	...	1	...	2	...
20 to 25 „	5	7	1	...	3	2	...	...
25 to 35 „	10	13	1	2	5	2	...	...
35 to 45 „	7	2	2	3	1	2	...	...
45 to 55 „	10	1	...	...	2	2	...	1
55 to 65 „	3	2	...	...	2	1	1	...
65 & upwards	1	...	...	...	1	...	...	...
TOTALS ...	52	32	13	8	15	9	4	1

6 deaths occurred of persons belonging to, but residing outside the Borough, including 2 who had not been previously notified.

Of the 23 deaths of persons occurring in and belonging to the Borough 3 had not been previously notified.

		Pulmonary Tuberculosis.					Non-Pulmonary Tuberculosis.				
		1944	1945	1946	1947	1948	1944	1945	1946	1947	1948
No. of Cases Notified	...	72	140	67	70	81	22	11	15	12	21
Attack Rate per 1,000 Population	...	1.64	3.16	1.44	1.49	1.67	0.50	0.25	0.32	0.25	0.45
No. of Deaths	...	31	34	30	27	24	7	7	9	3	5
Death Rate per 1,000 Population	...	0.70	0.77	0.65	0.57	0.49	0.16	0.16	0.19	0.06	0.10

## TUBERCULOSIS.

*Pulmonary Tuberculosis.*—81 new cases were notified during the year, as compared with 70 in the preceding year, whilst there were 24 deaths.

*Non-Pulmonary Tuberculosis.*—21 new cases were notified, as compared with 12 in 1947. 5 deaths occurred from non-Pulmonary Tuberculosis, as compared with 3 in the previous year.

*Sanatorium Treatment.*—During the year 28 cases received sanatorium treatment.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1948 :—

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary Total.
	Males.	Females.	Total.	Males.	Females.	Total.	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	192	119	311	53	46	99	410
(2) Number of cases notified under the Regulations of 1930 for the first time during the year ... ..	51	30	81	13	8	21	102
(3) Number of cases added to the Register otherwise than by notification ... ..	1	2	3	1	—	1	4
(4) Number of cases removed from the Register during the year ...	76	45	121	46	39	85	206
(5) Number of cases remaining on the Register at the end of the year ... ..	168	106	274	21	15	36	310

## VENEREAL DISEASES PROPAGANDA.

Circular No. 2727 of the 8th January, 1943 and Circular No. 2805 dated 15th April, 1943.

During the year posters have again been distributed and displayed throughout the Borough.

The clinics at which effective treatment can be obtained is prominently displayed on the poster.

## SCABIES.

The incidence of scabies remains much the same and continues to demand energetic measures to curtail its incidence and afford treatment facilities. The treatment centre at the Old School Clinic premises, Vine Street, was disbanded, and later established at the Health Centre, The Green.



Attempts are being made to treat the entire family when a single case is discovered, by this means carriers are eliminated.

During the year 57 cases were treated under the direction of the Medical Officer of Health.

#### SMALL-POX.

No case of Small Pox occurred during the year.

The following table shews the number of primary vaccinations carried out by General Practitioners, during 1923—1948.

		No. of BIRTHS.	No. OF VACCINATIONS.	PERCENTAGE OF VACCINATIONS TO BIRTHS.
1923	...	1211	701	57.9
1924	...	1089	672	61.7
1925	...	1068	659	61.7
1926	...	1029	759	73.7
1927	...	945	642	67.9
1928	...	951	566	59.5
1929	...	900	472	52.4
1930	...	882	314	35.6
1931	...	885	514	58.07
1932	...	759	464	61.0
1933	...	717	309	43.09
1934	...	768	339	44.2
1935	...	711	253	35.3
1936	...	711	341	47.6
1937	...	726	324	44.6
1938	...	736	234	31.8
1939	...	781	266	34.1
1940	...	863	332	38.1
1941	...	847	406	47.9
1942	...	855	460	53.8
1943	...	893	437	48.9
1944	...	1065	497	46.6
1945	...	875	598	68.3
1946	...	1058	590	55.7
1947	...	1157	721	62.3
1948	...	1061	312	29.4

During 1948, 52 primary vaccinations were carried out by general medical practioners.

#### LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Northumberland County Council.

The annexed table shows the nature and number of specimens submitted during the year, together with the results of bacteriological examination.

Disease Suspected.	Medical Practitioner.		M.O.H. Wallsend.		County Tuberculosis Officer		Total.		Grand Total.
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
Diphtheria ...	1	56	1	86	...	...	2	142	144
Dysentery ...	...	...	...	1	...	...	...	1	1
Pulmonary Tuberculosis	3	20	...	...	125	573	128	593	721
Other ...	13	74	34	240	...	...	47	314	361
Totals ...	17	150	35	327	125	573	177	1050	1227

## SANITARY CIRCUMSTANCES OF THE AREA., WATER.

The area is served by the Newcastle & Gateshead Water Company, who maintain a plentiful and wholesome supply throughout the year.

The service is adequate and satisfactory.

To ensure the maintenance of a high standard, regular chemical and bacteriological tests are made, and sources of impurities dealt with.

The Company invariably readily investigate any complaint, and effect a remedy.

To conserve the domestic supply in summer time, water is available from other sources for street watering, industrial uses, etc.

A proportion of the older dwelling houses in the Borough have the service pipes only laid into the yard.

When the shortage of houses becomes less urgent these houses will be dealt with either in Slum Clearance Schemes or the owners will be requested to carry out works of reconstruction.

### DRAINAGE AND SEWERAGE.

The following new lengths of sewer have been laid in connection with our New Housing Estates :—

9" dia.	...	...	...	154 Yards Lin.
15" dia.	...	...	...	133 Yards Lin.
18" dia.	...	...	...	380 Yards Lin.
21" dia.	...	...	...	493 Yards Lin.
24" dia.	...	...	...	442 Yards Lin.
30" dia.	...	...	...	152 Yards Lin.
Total				1,754 Yards Lin.

### RIVERS AND STREAMS.

There have been no further developments to deal with the pollution of the River Tyne.

### CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accommodation in the district :—

No. of Dry Ashpits in the district	...	...	3
No. of Privy Ashpits in the district	...	...	5
No. of Cell Privies in the district	...	...	9
No. of Water Closets in the district	...	13,239	
No. of Ash Receptacles in the district	...	14,499	

The few dry ashpits, privy ashpits and cell privies which now remain are wholly confined to outlying farm properties where sewage facilities are not available.

## PUBLIC CLEANSING.

Public cleansing of the Borough is carried out by the Cleansing and Transport Department under the direction of Mr. William L. Black, Public Cleansing Officer who is also Chief Sanitary Inspector.

All refuse continues to be disposed of by controlled tipping in accordance with the Ministry of Health's precautions for tipping.

## SANITARY INSPECTOR'S REPORT.

## SANITARY INSPECTION OF THE AREA.

*Removal of Nuisances.*—The various nuisances and other similar conditions dealt with under the Public Health Acts are set out in the following table :—

	Informal Notices.		Statutory Notices.	
	Nuisances.	Nuisances Abated.	Nuisances.	Nuisances Abated.
Ash Receptacles, to provide ... ..	107	77	30	30
Drains defective, to repair ... ..	6	6	1	1
Drains choked, to cleanse ... ..	682	682	...	...
Dirty houses, to cleanse ... ..	4	4	...	...
Limewash, pigstys ... ..	7	7	...	...
Offensive accumulations, to remove ...	8	8	...	...
Rat Infested Premises ... ..	7	7	...	...
Roofs, to repair ... ..	2	2	3	3
Spouting to repair ... ..	2	2	2	2
Vermin infested houses ... ..	...	...	1	1
Water closet fittings (basins, etc. def.)	2	...	2	2
Water supply, to provide ... ..	15	15	...	...
Number of Nuisances ... ..	842	810	39	39

During the year 456 informal notices were served and 420 received attention. The remaining notices which had not become operative at the end of the year were subsequently complied with.

37 statutory notices were served and all received attention.

## SECTION 83, PUBLIC HEALTH ACT, 1936.

A Statutory Notice to cleanse a dwelling-house, served on the occupier under Section 83, Public Health Act, 1936, was complied with.



## SECTION 154, PUBLIC HEALTH ACT, 1936.

Magisterial proceedings were taken against a Hawker for collecting rags and delivering a paper transfer to a boy under 14 years of age.

The Defendant was fined the sum of 20/-d. at the Wallsend Police Court on the 20th April, 1948.

## SANITARY IMPROVEMENTS.

## ALNWICK STREET, WALLSEND.

The owners of properties in Alnwick Street installed baths in all the downstairs flats.

## SIMPSON'S HOTEL, WALLSEND.

Additional lavatory accommodation and ablution facilities are being provided at a workmen's hostel known as Simpson's Hotel, Buddle Street, Wallsend.

## HOUSING ACTS, 1930 TO 1936.

## SECTION 9, HOUSING ACT, 1936.

794 informal notices were served relating to 2,853 defects, on owners of properties under the Housing Acts.

298 informal notices relating to 1,305 defects were complied with.

242 statutory notices relating to 1,370 defects were served.

132 statutory notices relating to 652 defects received attention.

110 statutory notices remained outstanding at the end of the year.

In 3 instances the work was carried out by the Borough Surveyor's Department in default of the owners at a total cost of £252 6s. 7d.

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ashbin, to provide ... ..	228	131	82	33
Ceilings, to repair ... ..	51	23	24	17
Chimneys, to repair or re-build ...	36	17	14	9
Doors, to repair ... ..	251	119	126	48
Drains defective, to repair or reconstruct ... ..	60	38	16	6
Fireplaces (fire bars, etc.) to repair ...	27	11	14	11
Fireplaces (brickwork) to repair ...	28	10	13	13
Floors, to repair or ventilate ... ..	126	57	54	24
Outbuildings, to repair... ..	525	206	242	114
Ovens, to repair or renew ... ..	3	2	5	3
Range, kitchen, to repair ... ..	47	18	29	7
Roofs, to repair ... ..	205	98	108	59
Scullery sinks, to repair ... ..	24	19	16	4
Scullery bench, to repair ... ..	24	7	17	7
Scullery sink trap, to repair ... ..	52	18	24	10
Set pot (fire grate) to repair or renew...	2	2	6	5
Spouting, to repair ... ..	252	106	132	65
Stairs (internal) to repair ... ..	15	6	12	3
Stairs (external) to repair or renew ...	40	16	21	5
Staircases, to cleanse ... ..	...	...	...	...
Walls (external) to repair ... ..	255	101	147	73
Walls (internal) to repair ... ..	213	87	98	46
Washhouse set-pots, to renew... ..	18	10	12	9
Water closet fittings (basins, etc., def.)	111	71	38	30
Windows (woodwork), to repair ... ..	60	23	37	12
Windows (sashcords), to renew ... ..	103	48	37	14
Water pipes, to repair ... ..	42	41	8	8
Yard surface, to repair... ..	55	20	38	17
Total number of defects ... ..	2853	1305	1370	652
Total number of notices ... ..	794	298	242	132

## THE RENT AND MORTGAGE INTEREST

(RESTRICTIONS) ACTS, 1920 TO 1933.

No applications for a certificate have been made during the year.

## HOUSING.

TABULAR STATEMENT FOR YEAR 1948.

HOUSES COMPLETED DURING THE YEAR.		With State Assistance.	Unaided.	Total.
(a) By Local Authority	Permanent	273	—	273
	Temporary	—	—	—
(b) By other Bodies or Persons	Permanent	—	—	—
	Temporary	—	—	—
				273

# 1.—INSPECTION OF DWELLING HOUSES DURING THE YEAR :

- |  |       |
|--|-------|
| (1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) ... ..   | 1,529 |
| (2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation... ..                                     | 4     |
| (3) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... .. | 242   |

# 2.—REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES :

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers ... ..	298
--	-----

# 3.—ACTION UNDER STATUTORY POWERS :

## (A) PROCEEDINGS UNDER SECTIONS 9, 10 AND 16 OF THE HOUSING ACT, 1936.

- |  |     |
|--|-----|
| (1) Number of dwelling houses in respect of which "notices" were served requiring repairs ... .. | 242 |
| (2) Number of dwelling houses which were rendered fit after service of formal notices :—         |     |
| (a) By owners ... ..   | 132 |
| (b) By Local Authority in default of owners ...  | 3   |

## (B) PROCEEDINGS UNDER PUBLIC HEALTH ACTS.

- |  |      |
|--|------|
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied | 38   |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices :—        |      |
| (a) By owners ... ..   | 38   |
| (b) By Local Authority in default of owners ...  | Nil. |

## (C) PROCEEDINGS UNDER SECTIONS 11 AND 12 OF HOUSING ACT, 1936.

- |  |   |
|--|---|
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... .. | 4 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..    | 1 |

## (D) PROCEEDINGS UNDER SECTION 12 OF THE HOUSING ACT, 1936.

- |   |      |
|---|------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... .. | Nil. |
|---|------|



(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	...	...	...	...	Nil.
---	-----	-----	-----	-----	-----	-----	------

4.—NUMBER OF HOUSES PERMANENTLY DIS-CONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE	...	...	...	...	1
---	-----	-----	-----	-----	---

### HOUSING—

At the end of the year 2,089 applications had been made for Council Houses.

The number of families rehoused in 1948 was 260, comprising :—  
 21 families containing inmates suffering from Tuberculosis.  
 77 families living as sub-tenants.  
 162 families living in overcrowded conditions.

### SELECTION OF TENANTS FOR COUNCIL HOUSES.

In June, 1948, the Special (Selection of Tenants) Committee adopted a Points Scheme for selecting Tenants for Council Houses.

The Points allocated by the Chief Sanitary Inspector were as follows :—

Damp House	...	...	...	...	1 Point.
No inside Water Supply	...	...	...	...	1 Point.
Sharing Convenience with another family. (Not applicable to Sub-Tenants	...	...	...	...	1 Point.
No Bath	...	...	...	...	$\frac{1}{2}$ Point.
No Hot Water Supply	...	...	...	...	$\frac{1}{2}$ Point.

In connection with the Scheme, it was necessary for over 1,000 visits to be made in order to submit reports on the condition of houses occupied by applicants for Council Houses.

The Medical Officer of Health allocates the Points on Health Grounds.

### SLUM CLEARANCE.

The Council has been unable to deal with any slum clearance scheme.

During the year the following individual unfit houses were dealt with :—

(a) 41, THE AVENUE, WALLSEND.

27, MAIN STREET, HOWDON.

Demolition Orders were served in respect of the above dwelling houses and the tenants were re-housed in Council Houses.

(b) KILLINGWORTH WAGGONWAY COTTAGES.

The lower flat of the above dwelling house was closed and the tenant re-housed by the Council.

(c) 50/51, RAVENSWORTH STREET, WILLINGTON QUAY.

Two Demolition Orders were made in respect of the above dwelling houses.

The owners submitted a list of works to render the houses fit for human habitation and the Council did not proceed with the Demolition Orders.

### OVERCROWDING.

Overcrowding is still a serious problem in the Borough.

162 families living in overcrowded conditions were rehoused during the year 1948.

### PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS AND REGULATIONS.

Number of Slaughter Houses	...	...	...	Nil
Number of Cowsheds	...	...	...	5
Number of Fried Fish Shops	...	...	...	25
Number of Common Lodging Houses	...	...	...	Nil.

### RAG FLOCK ACTS, 1911 and 1928.

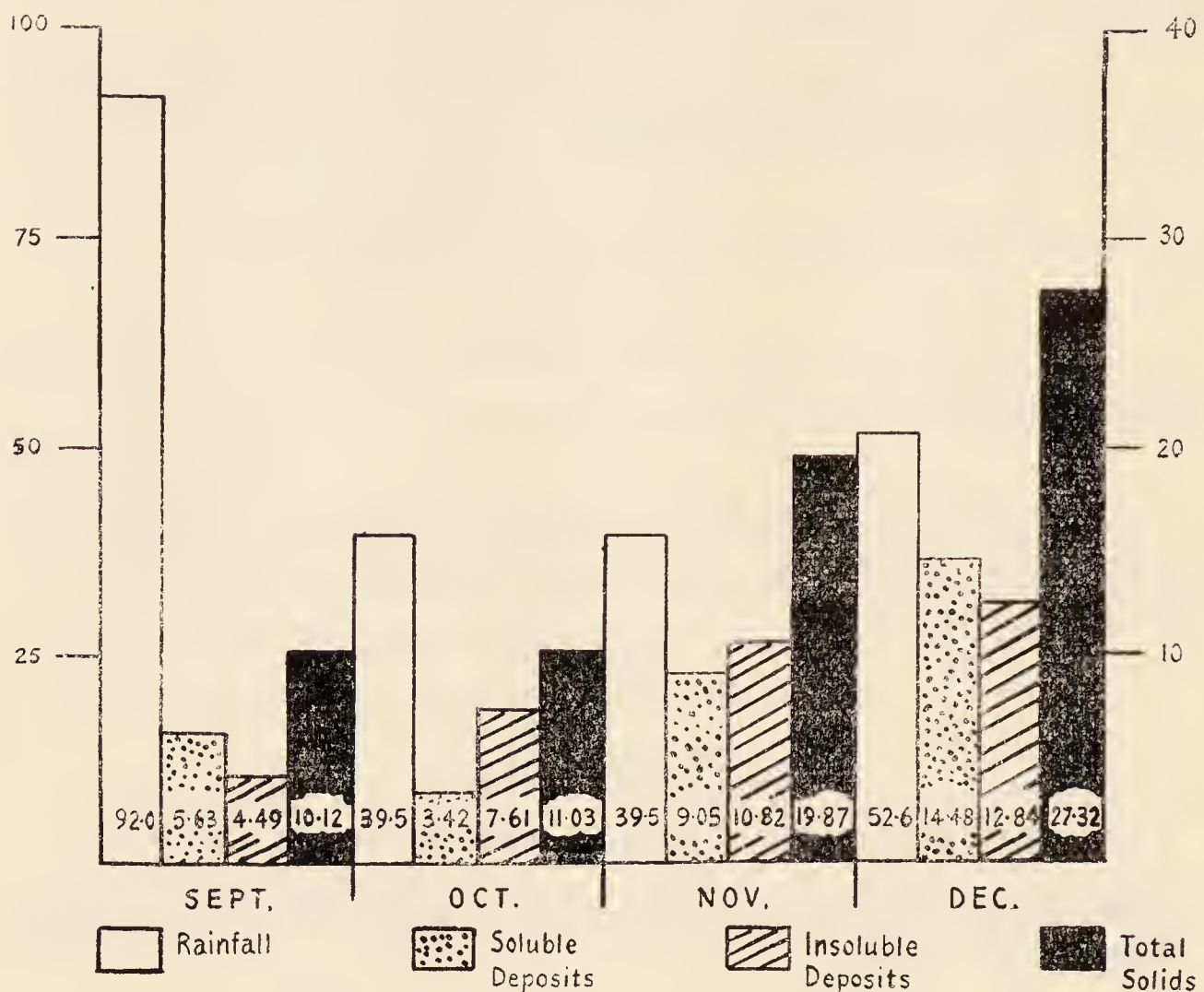
There are no premises on which rag flock is manufactured or sold as such, in the Borough.

### SHOPS.

Several shops in the Borough have carried out improvements to sanitary accommodation.

In connection with food premises, efforts are being made for the installation of running hot water, which will prove beneficial to employees and also ensure the clean handling of food.

SMOKE ABATEMENT.  
ATMOSPHERIC POLLUTION RECORD—1948.  
HEALTH CENTRE.



### PUBLIC BATHS.

The Corporation provide a public swimming bath available for the public from April to October, during which time it is largely attended by swimmers of both sexes with special sessions for male, female, and mixed bathers. The water is heated and maintained at a temperature of 74-76 dgs. Fah., and a continuous aeration filtration and chlorination is maintained, so that there is a complete change over of the water every eight hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

Royles special chlorine apparatus is installed and chlorine is maintained at a standard of 0.2 to 0.5 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

### SCHOOLS.

No infectious disease became epidemic during the year, hence it was not necessary to adopt closure of any school or department to prevent spread of infection.

Contacts from infected homes are excluded from school for the incubation period and not re-admitted till medically examined and certified fit for school.

During school holidays the Elementary Schools are disinfected, as well as particular schools, class rooms, or departments when infectious diseases occur amongst the scholars.



## DISINFECTION.

In every case of infectious disease disinfection of the premises is carried out. Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

During the year, disinfection of premises was carried out as under :—

Scarlet Fever	...	...	...	...	...	85
Diphtheria	...	...	...	...	...	2
Erysipelas	...	...	...	...	...	14
Tuberculosis	...	...	...	...	...	91

In addition, 247 lots of bedding were dealt with.

*Disinfection of Library Books.*—All library books are removed from infected households for disinfection.

## DISINFESTATION.

*Eradication of Bugs.*—26 houses infested with bugs were disinfested during the year.

*Methods employed in Disinfestation.*—Bug infested households were treated with Zaldecide and Municipal Insect Spray.

*Removal of Slum Clearance Tenants.*—Furniture and bedding from condemned houses is treated with Hydrogen Cyanide, and the work is carried out by a Contractor. Owing to the suspension of slum clearance no work has been carried out by the Contractor during the year.

## INSPECTION AND SUPERVISION OF FOOD.

## MILK SUPPLY.

## MILK AND DAIRIES ORDER, 1926.

The following is a summary of the Milk and Dairies Register :

Number of persons registered as Cowkeepers	...	5
Number of premises registered as Cowsheds	...	5
Number of cows on registered premises (approx.)	...	120
Number of cowkeepers who are also retailers of milk		5
Number of dairies registered belonging to Cowkeepers		5
Number of persons registered as Dairymen...	...	14
Number of persons registered as retail purveyors of milk residing in the area	... ..	82
Number of persons registered as retail purveyors of milk who reside outside the area	... ..	17

## 1.—BACTERIOLOGICAL EXAMINATION OF MILK.

Samples of milk were forwarded to the County Laboratory, Newburn, and also to the Central Public Health Laboratory, Newcastle.

## 2.—FOOD AND DRUGS ACT, 1938.

### THE MILK (SPECIAL DESIGNATIONS) ORDERS 1936 TO 1947.

The following licences were issued under the Milk (Special Designations) Orders, 1936 and 1938 :—

- 1 licence issued to bottle Tuberculin Tested Milk.
- 1 licence issued to retail Tuberculin Tested Milk.
- 11 licences issued to retail "Pasteurised" Milk.

One of our largest milk producers is licensed by the North-umberland County Council to produce "Accredited" Milk.

## 3.—SANITARY CONDITION OF COWSHEDS AND DAIRIES.

Arrangements have been made for a Cow-Byre at Battle Hill Farm to be remodelled. The existing wooden standings will be replaced by concrete, and the floors of the Cow-Byre will be relaid in concrete.

Several of the existing Cow-Byres require remodelling, but owing to the shortage of materials the work has had to be postponed.

Plans have been submitted for two Dairies to be provided in the Borough.

At West Farm, Willington, a new dairy will be erected to replace the existing dairy which is in an unsatisfactory condition.

In addition, a motor garage at the Coast Road, is proposed to be converted into a dairy. Plans have been submitted but the work has not yet commenced.

### BACTERIOLOGICAL EXAMINATION OF MILK, 1948.

GRADE OF MILK.	TUBERCLE BACILLI.			METHYLENE BLUE			% Unsatisfactory.
	Pos.	Neg.	Total.	Unsatisfactory.	Satisfactory.	Total.	
Heat Treated ...	—	—	—	—	2	2	Nil
Pasteurised ...	—	—	—	3	1	4	75%
Untreated ...	—	2	2	—	1	1	Nil
Accredited ...	—	—	—	—	—	—	—
Sterilized ...	—	—	—	—	—	—	—
	—	2	2	3	4	7	42.8%

The reports of the unsatisfactory samples were forwarded to the Local Authority of the area where the milk was pasteurized.

### PHOSPHATASE TEST.

3 samples were submitted for the Phosphatase Test, and all were found to be satisfactory.

## FOOD AND DRUGS ACT, 1938, SECTION 14.

Applications were received for registration of the following premises under Section 14 of the Food and Drugs Act, 1938.

### ICE CREAM.

Three applications were received for registration of premises for the sale of pre-wrapped Ice Cream. Two applications were granted and the remaining application refused owing to the premises being unsuitable. All the applicants registered, provided a supply of running hot water.



## FISH FRYING.

Three applications were received for registration of premises to carry on the trade of Fish Frying. One application was granted and the remaining two applications were refused owing to the premises being unsuitable.

## SNACK BARS.

Two applications for registration of premises as Snack Bars were refused owing to the premises being unsuitable.

## ICE CREAM.

In connection with the Conference of Local Authorities held at the Town Hall, Wallsend, on the 21st November, 1947, no further progress has been made regarding certain resolutions that were passed in respect of the manufacture and sale of Ice Cream.

## THE ICE CREAM (HEAT TREATMENT) REGULATION, 1949.

Ice Cream Manufacturers in the Borough are carrying out alterations to their premises in order to comply with the above Regulation.

## FOOD AND DRUGS ACT, 1938, SECTION 17.

## FOOD POISONING

## FOOD POISONING OUTBREAKS.

No outbreaks of Food Poisoning occurred during the year.

## MEAT AND OTHER FOODS.

## CENTRALISED SLAUGHTERING.

As in the previous year, all slaughtering of food animals is carried out in Newcastle under Government Control.

26 Pigs belonging to local Pig Keepers were licensed for slaughter in the Borough by the Ministry of Food.

The result of the post mortem inspection of the carcasses is shown in the following table:—

	Cattle exc'lg. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed (if known) ... ..	—	—	—	—	26
Number Inspected ... ..	—	—	—	—	26
All diseases except Tuberculosis Whole carcasses condemned ... ..	—	—	—	—	—
Carcasses of which some part or organ was condemned ... ..	—	—	—	—	—
Percentage of the number inspected affected with disease other than Tuberculosis ... ..	—	—	—	—	—
Tuberculosis only Whole carcasses condemned ... ..	—	—	—	—	—
Carcasses of which some part or organ was condemned ... ..	—	—	—	—	2
Percentage of the number inspected affected with Tuberculosis ... ..	—	—	—	—	7.7



## INSPECTION OF FOOD PREMISES.

Premises where food is prepared for sale are regularly inspected.

With a view to improving the hygienic condition of all food premises, we are endeavouring to get a running hot water supply provided on all such premises.

A large bakery in the Borough is being extended and the equipment being brought up to modern standards. The work has not yet been completed.

## TRANSPORT OF MEAT.

In connection with the transport of meat it is pleasing to report that a local Carrier has obtained a special Insulated Meat Van.

The van body is specially constructed for use in all weathers and built to carry a maximum of 6 tons of meat slung from roof level.

The interior of the van is specially ventilated and constructed to prevent the seepage of moisture into the insulated spaces during washing down and with a fall to the rear for drainage.

Specially constructed insulated doors are hung at the rear and on the near side with Refrigerator type rubber sealing and Refrigerator type furnishings.

## INSULATION.

The walls, ceiling and doors of the vehicle are insulated with two inches of "Isoflex" and the "Isoflex" fitted with a special moisture barrier between itself and external and internal wall linings, and all frame pillars. The upper surface of the insulation of the roof level enclosed with 1/8 inch Plywood.

## VENTILATION.

Ventilation to the interior of the van is provided by two "Flettner" Type Extractor Ventilators with hit and miss type internal grill closure for use as required.

The provision of additional vans of this type is urgently required.

## UNSOUND FOOD.

The following unwholesome foodstuffs were condemned during the year :

					CWTS.	QRS.	LBS.
Beef (Home Killed)	...	...	...	...	5	1	3
Beef (Imported)	...	...	...	...	5	2	10
Corned Beef	...	...	...	...	—	—	6
Mutton (Home Killed)	...	...	...	...	—	1	27
Mutton (Imported)	...	...	...	...	—	3	23
Pigs	...	...	...	...	12	2	—
Pigs Heads	...	...	...	...	—	1	—
Pigs' Trotters	...	...	...	...	—	—	7
Pigs' Chitterlings...	...	...	...	...	—	—	5
Meat (Tinned)	...	...	...	...	2	1	21
Bacon	...	...	...	...	—	—	3
Pork Sausage	...	...	...	...	—	—	14
Black Pudding	...	...	...	...	—	—	24
Paloney	...	...	...	...	—	1	8
Tripe	...	...	...	...	—	—	5
Meat Pies	...	...	...	...	—	1	—
Meat Paste	...	...	...	...	—	—	11
Pate de foie	...	...	...	...	—	—	8
Meat and Vegetables	...	...	...	...	—	1	20
Irish Stew...	...	...	...	...	—	—	13
Fish (Tinned)	...	...	...	...	1	1	23
Fish (Fresh)	...	...	...	...	1	3	15
Oysters	...	...	...	...	—	—	1
Fish Paste	...	...	...	...	—	1	16
Fish Cakes	...	...	...	...	—	2	16
Crab	...	...	...	...	—	—	12
Crab Paste	...	...	...	...	—	—	4
Mussels	...	...	...	...	—	3	15
Soup	...	...	...	...	5	2	3
Milk—2,385 tins							
Fruit (Tinned)	...	...	...	...	3	3	1
Date	...	...	...	...	—	1	20
Prunes	...	...	...	...	—	2	17
Tomatoes (Tinned)	...	...	...	...	5	4	5
Tomato Juice	...	...	...	...	1	1	—
Fruit Juice	...	...	...	...	—	3	9
Apple Butter	...	...	...	...	—	—	6
Jam	...	...	...	...	4	3	19
Sugar	...	...	...	...	—	—	4
Syrup	...	...	...	...	—	—	17
Cheese	...	...	...	...	—	—	19
Vegetables (Tinned)	...	...	...	...	8	1	—
Cereals	...	...	...	...	—	—	10
Spaghetti	...	...	...	...	—	—	26
Potatoes	...	...	...	...	2	—	3
Bread	...	...	...	...	3	—	18
Dried Egg...	...	...	...	...	—	—	9
Puddings (Tinned)	...	...	...	...	—	—	8
Semolina	...	...	...	...	—	—	7
Pickles	...	...	...	...	—	3	10
Sauce	...	...	...	...	—	—	27
Corn Cream Style	...	...	...	...	—	—	27
Flour	...	...	...	...	—	1	23
Scone Meal	...	...	...	...	—	2	26
Sweets	...	...	...	...	—	—	11

Condemned meat is sent to an Artificial Manure Manufacturer, Newcastle, and the remaining foodstuffs utilised for Kitchen Waste.

### ADULTERATION, ETC.

Action taken under the Food and Drugs (Adulteration) Act, 1928, the Food and Drugs Act, 1938, the Artificial Cream Act, 1929, the Public Health (Condensed Milk) Regulations 1923 and 1927, the Public Health (Dried Milk) Regulations 1923 and 1927, and the Public Health (Preservatives, etc., in Food) Regulations 1925 to 1939.

The above are administered by the Weights and Measures Department of the Northumberland County Council, and I am indebted to the Chief Inspector of that Department for the following statement showing the number, nature of samples, and action taken during the year:—

SAMPLE OF :—	No. OF SAMPLES	GENUINE	NOT GENUINE	REMARKS.
Aniseed and Peppermint Tablets ... ..	1	1		Not reported upon.*
Baking Powder ... ..	2	2		
Barley Crystals ... ..	1	1		
Bicarbonate of Soda ... ..	2	2		
Butter ... ..	1	*		
Choc. Raspberry Ruffle ... ..	1	1		
Coffee ... ..	1	1		
Coffee (Dehydrated) ... ..	1	1		
Cooking Oil ... ..	1	1		
Chemical Food ... ..	1	1		
Cheese ... ..	1	1		
Christmas Pudding ... ..	1	1		
Cake Flour ... ..	1	1		
Castor Oil ... ..	2	1*		
Custard Powder ... ..	1	1		
Epsom Salts ... ..	1	1		
Fish Cakes ... ..	6	4	2	
Frizets ... ..	1	1		One case dismissed under Probation of Offenders Act, on payment of £4-4-0d. costs. One case — Proceedings taken against Manufacturer. Case dismissed — no evidence to show that defendant was the manufacturer.
Fruit Saline Salts ... ..	1	1		
Fever Mixture ... ..	1	1		
Fish Spread ... ..	1	1		
Grape Fruit Crush ... ..	1	1		
Glauber Salts ... ..	1	1		
Ginger (Ground) ... ..	1	1		
Gin ... ..	2	2		
Gelatine ... ..	1	1		
Greengage (Bottled) ... ..	1	1		
Jam ... ..	5	2*		
Junket ... ..	1	1		
Keiller Vita Beverage ... ..	1	1		
Lime Juice and Soda ... ..	1	1		
Lemonade ... ..	1	1		
Liquid Paraffin ... ..	1	*		
Milk ... ..	92	90	2	

\*3 not reported upon.

\*Not reported upon.  
\*Two fined £3 and 17 6d. costs.



SAMPLE OF :—			No. of Samples	Genuine	Not Genuine	REMARKS.
						One sample Genuine but below standard. Further samples to be taken.
Mace (Ground) ...	...	...	1	*		*Not reported upon.
Macaroni ...	...	...	2	2		
Methylated Spirits ...	...	...	1	1		
Meat Pies ...	...	...	2	2		
Mushroom Ketchup ...	...	...	1	1		
Mock Marzipan ...	...	...	1	1		
Nutmeg (Ground) ...	...	...	2	1*		*One not reported upon.
Orange Fruit Crush ...	...	...	2	2		
Orange Cordial ...	...	...	1	1		
Onions (Dried) ...	...	...	1	1		
Pepper ...	...	...	5	4*		*One not reported upon.
Rum ...	...	...	3	3		
Rissoles ...	...	...	1	1		
Sausage Meat (Beef) ...	...	...	10	3	7	1. Fined £3 & £1-18-6 costs. 2. Fined £10 & £5-1-6 costs. 3. Fined £10 & £2.19.6 costs. 4. Cautioned, further samples to be taken. 5. Dismissed on legal grounds. 6. Cautioned. 7. Proceedings pending.
Sausage (Salami) ...	...	...	1	1		
Sausage Meat ...	...	...	1	1		
Sausage (Cambridge) ...	...	...	1	1		
Semolina ...	...	...	4	3	1	Infested with Mites.
Scotch Barley Flakes ...	...	...	1	1		
Soya Flour ...	...	...	1	1		
Sauce ...	...	...	2	2		
Sarsfarilla ...	...	...	1	1		
Seidlitz Powder ...	...	...	1	1		
Sponge Pudding Mixture			1	1		
Sugar ...	...	...	1	1		
Sugar (Icing) ...	...	...	1	1		
Spaghetti Pearls ...	...	...	1	1		
Sage ...	...	...	1	*		*Not reported upon.
Savoury Roll ...	...	...	1	1		
Soup (Tomato) ...	...	...	1	1		
Table Jelly ...	...	...	2	2		
Tea ...	...	...	2	1*		*One not reported upon.
Teatime Tablets ...	...	...	1	1		
Vinegar (Malt) ...	...	...	6	6		
Vinegar (Non-Brewed) ...	...	...	3	3		
Wine ...	...	...	5	5		
Whiskey ...	...	...	2	2		
Walfox ...	...	...	1	1		
Yorkshire Pudding and Batter Mixture ...	...	...	1	1		
TOTALS			214	191	12	

## DISEASES OF ANIMALS ACTS.

## SWINE FEVER.

Six suspected cases of Swine Fever were reported during the year, but after investigation by the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries the disease was not confirmed.

## ANTHRAX.

A suspected case of anthrax occurred on the 17th April, 1948, at a local piggery. Two pigs were found dead.

After investigation by the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries, the disease was not confirmed, and the restrictions were withdrawn on the 28th April, 1948.

## TUBERCULOSIS ORDER 1938.

Two Notices of Intended Slaughter of Dairy Cows under the above Order were received from the Divisional Veterinary Officer, Ministry of Agriculture and Fisheries.

**MISCELLANEOUS.**SANITARY CONDITION OF THEATRES,  
MUSIC HALLS, ETC.

In accordance with instructions of the Ministry of Health, contained in Circular 120, dated August 25th, 1920, relating to the sanitary condition of the above premises, inspections were made regarding sanitary accommodation, proper ventilation and cleanliness.

## RAT AND MOUSE DESTRUCTION.

## INFESTATION ORDER, 1943. S.R. &amp; O. No. 680.

The Council employ a full time Rodent Operator and during the year the following work was carried out :—

TYPE OF INFESTATION.					No.
Reservoir	...	...	...	...	2
Major	...	...	...	...	1
Minor	...	...	...	...	112

## SEWER MAINTENANCE TREATMENT.

Sewer Maintenance Treatment was carried out during the year. The work was :—

Treatment No.	No. of Manholes Baited.	Total Poison Taken.	No. of Bodies Found.
6	788	110	30
7	933	194	4

## RATS AND MICE (DESTRUCTION) ACT, 1919.

The Northumberland County Council again delegated their powers to the Wallsend Council in connection with the above Act.

## SHOPS ACTS 1912 TO 1934.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act, 1936) Partial Exemption Order, 1938.

Emergency Powers (Defence) Act (Hours of Closing) Shops, 1939.



## PETROLEUM ACTS.

### THE PETROLEUM (CONSOLIDATED) REGULATIONS. 1928.

The following licences were issued under the Petroleum Acts :

Petrol	...	...	...	...	...	28
Carbide of Calcium	...	...	...	...	...	4
						<hr/> 32 <hr/>

The bulk of Petrol stored in the Borough is in underground tanks. The storage places are periodically inspected and any infringement of the Petroleum Acts is brought to the notice of the person concerned.

Licences are renewed each year by the local authority.

## HEALTH PROPAGANDA.

Posters supplied by the Central Council for Health Education have again been displayed each month on the poster frames previously used by the Empire Marketing Board.

### FOOD AND DRINK INFECTION.

A Conference was held by the Central Council for Health Education at the County Hall, Newcastle, 15th April, 1948.

The Chairman and Vice-Chairman, together with the Health Officers attended the conference.

### SECTION 47, NATIONAL ASSISTANCE ACT, 1948.

No action was taken under this Section, during the year

## SANITARY CONVENIENCES.

In March, 1948, the Sanitary Committee discussed the question of providing Sanitary Conveniences in the Borough. A scheme was prepared in 1938 and postponed on account of the War and again postponed in 1945 through the shortage of building and other materials.

A revised scheme showing sites for 9 Ladies and Gents Conveniences was adopted and it was decided to obtain sanction from the Ministry of Health for the erection of a Convenience on the Burn Closes site.

## FACTORIES ACT, 1937.

### SANITARY ACCOMMODATION.

A local factory that employs a large number of females has provided additional sanitary accommodation.

A large shipbuilding firm has also installed modern sanitary conveniences.

Other factories in the area are carrying out improvements to sanitary conveniences.

# 1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

PREMISES. (1)	Number on Register. (2)	NUMBER OF		
		Inspections. (3)	Written Notices. (4)	Occupiers Prosecuted. (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authorities ... ..	37	28	5	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	76	45	2	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* (excluding out-workers' premises) ...	6	6	—	—
*i.e. Electrical Stations, Institutions and sites of Building Operations and Works of Engineering Construction.				
TOTAL ... ..	119	79	7	—

## 2. CASES IN WHICH DEFECTS WERE FOUND.

PARTICULARS. (1)	No. OF CASES IN WHICH DEFECTS FOUND.				Number of Cases in which Prosecu- tions were Instituted. (6)
	Found. (2)	Remedied. (3)	REFERRED To H.M. Inspector. (4)	By H.M. Inspector. (5)	
Want of Cleanliness (S.1.) ...	—	—	—	—	—
Overcrowding (S.2.) ... ..	—	—	—	—	—
Unreasonable Temperature (S.3.)	—	—	—	—	—
Inadequate Ventilation (S.4.) ...	—	—	—	—	—
Ineffective Drainage of Floors (S.6.) ... ..	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) Insufficient ... ..	5	1	—	—	—
(b) Unsuitable or defective	5	5	—	—	—
(c) Not separate for sexes	1	1	—	—	—
Other Offences against the Act (not including offences relat- to Outwork) ... ..	—	—	—	—	—
TOTAL ... ..	11	7	—	—	—

### OUTWORK (SECTIONS 110 AND 111).

There is one Outworker in the Borough and she is engaged in making Wearing Apparel. The premises have been inspected and found satisfactory.





APPENDIX TABLES,  
I. to VII.

TABLE I.

Vital Statistics of Whole District during 1948  
and Previous Years.

Year	Population estimated to Middle of each Year.	Births.			Total deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Uncorrected Number.	Net.						Under 1 yr.		At all ages.	
			Number.	Rate.	Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Number.	Rate per 1,000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1913	43,700	1287	1297	29.7	571	13.1	5	93	154	119.5	659	15.1
1914	44,570	1396	1403	31.4	530	11.8	3	96	184	131.1	623	13.9
1915	45,700	1297	1305	28.6	640	14.0	5	105	168	128.7	740	16.2
1916	42,706	1287	1297	27.9	528	12.3	11	112	127	97.9	629	14.7
1917	43,358	1207	1207	24.9	619	14.2	—	63	151	125.1	682	15.7
1918	43,593	1314	1314	26.9	761	17.4	22	112	149	113.3	851	19.5
1919	43,689	1227	1227	26.9	618	14.1	19	123	164	133.6	722	16.5
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	370	8.6	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	380	8.7	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	347	7.9	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	362	8.2	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	383	8.7	8	167	53	71.6	542	12.3
1938	43,970	973	736	16.7	408	9.3	17	154	63	85.5	545	12.4
1939												
(a)	45,220	932	781	17.27	374	8.3	22	160	44	56.9	512	11.49
(b)	44,430											
1940	43,540	899	863	19.8	444	10.2	18	153	45	52.1	579	13.3
1941	43,890	805	847	19.2	473	10.7	27	193	77	90.9	639	14.5
1942	43,420	814	855	19.7	404	9.3	26	116	66	77.1	494	11.3
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1944	43,960	1034	1065	24.2	501	11.1	21	156	63	59.1	526	11.9
1945	44,240	1061	875	19.77	400	9.04	22	144	54	61.7	522	11.8
1946	46,410	1209	1058	22.79	398	8.57	12	170	66	62.3	556	11.9
1947	46,980	1252	1157	24.62	419	8.91	14	146	61	52.7	551	11.7
1948	48,270	1246	1061	21.98	424	8.7	33	146	58	54.6	537	11.1

TABLE II.  
Cases of Infectious Disease notified for 52 weeks ending December, 1948.

Number of Cases Notified.															Total Cases Notified in Each Ward.							
DISEASE.	At All Ages.	At Ages—Years.										Northumberland.	Wallsend.	Carville.	Buddle.	Holy Cross	Hadrian.	Willington	Willington Quay.	Howdon.		
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45										45 to 65	65 and over.
Small Pox ...	... 85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Scarlet Fever ...	... 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Enteric Fever ...	... 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Puerperal Pyrexia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Erysipelas ...	... 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Pneumonia ...	... 64	... 9	... 8	... 2	... 6	... 5	... 3	...	... 1	... 1	... 4	... 18	... 7	...	...	...	...	...	...	...		
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Dysentery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Ophthalmia Neonatorum ...	... 1	... 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Cerebro Spinal Fever ...	... 1	... 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Acute Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Whooping Cough ...	... 93	... 8	... 10	... 23	... 19	... 9	... 24	...	...	...	...	...	...	...	...	...	...	...	...	...		
Measles ...	... 720	... 33	... 102	... 107	... 138	... 128	... 208	... 1	... 1	... 1	... 1	...	...	...	...	...	...	...	...	...		
Respiratory Tuberculosis ...	... 81	...	...	... 1	... 2	...	... 3	... 2	... 14	... 38	... 7	... 13	...	...	...	...	...	...	...	...		
Other Tuberculous Diseases	... 21	...	...	... 2	... 2	...	... 4	... 4	...	... 4	... 5	...	...	...	...	...	...	...	...	...		
Totals ...	... 1086	... 52	... 120	... 136	... 169	... 154	... 285	... 24	... 24	... 51	... 24	... 36	... 11	... 47	... 153	... 95	... 229	... 85	... 56	... 291	... 59	... 71



TABLE

## Causes of, and Ages at,

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.								
	All Ages	Under 1	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards.
Typhoid & Paratyphoid fevers	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System	24	...	...	...	...	6	10	8	...
Other forms of Tuberculosis	5	...	...	...	2	1	...	2	...
Syphilitic Diseases	1	...	...	...	...	...	...	...	1
Influenza	3	...	...	...	...	...	1	2	...
Measles	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis and Polioencephalitis	...	...	...	...	...	...	...	...	...
Acute Infectious Encephalitis	...	...	...	...	...	...	...	...	...
Cancer of Buccal Cavity and Oesophagus (males only)	1	...	...	...	...	...	...	...	1
Cancer of Uterus	4	...	...	...	...	...	...	4	...
Cancer of Stomach and Duodenum	19	...	...	...	...	...	...	6	13
Cancer of Breast	3	...	...	...	...	...	1	2	...
Cancer of all other Sites	57	...	...	...	...	1	2	22	32
Diabetes	1	...	...	...	...	...	...	...	1
Intra Cranial Vascular Lesions	61	...	...	...	...	1	2	17	41
Heart Disease	160	...	...	...	2	1	10	46	101
Other Diseases of Circulatory System	12	...	...	...	...	1	1	3	7
Bronchitis	33	5	1	...	1	1	4	7	14
Pneumonia	28	13	...	...	...	...	2	6	7
Other Respiratory Diseases	6	...	...	...	...	...	2	...	4
Ulceration of Stomach or Duodenum	4	...	...	...	...	...	1	2	1
Diarrhoea (under 2 yrs. of age)	5	5	...	...	...	...	...	...	...
Appendicitis	...	...	...	...	...	...	...	...	...
Other Digestive Diseases	5	...	...	...	...	...	1	3	1
Nephritis	9	...	...	...	...	...	3	1	5
Puerperal and Post-Abortive Sepsis	...	...	...	...	...	...	...	...	...
Other Maternal Causes	4	...	...	...	...	1	2	1	...
Premature Birth	18	18	...	...	...	...	...	...	...
Congenital Malformations, Birth Injury, Infantile Diseases	12	12	...	...	...	...	...	...	...
Suicide	3	...	...	...	...	...	...	3	...
Road Traffic Accidents	4	...	...	1	...	...	...	1	2
Other Violent Causes	10	4	...	1	...	...	1	...	4
All Other Causes	45	1	...	...	...	1	5	5	33
TOTALS	537	58	1	2	5	14	48	141	268

## III.

## Death during the Year 1948.

Deaths at all ages of "Residents" belonging to the Wards,  
whether occurring in or beyond the District.

Northum- berland	Wallsend	Carville	Buddle	HolyCross	Hadrian	Will'gton	Will'gton Quay	Howdon
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	4	2	8	1	...	8	...	1
...	...	1	1	1	1	1	...	...
...	...	1	...	...	...	...	...	...
...	...	...	2	...	...	...	...	1
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1	...	...
...	...	...	2	...	1	...	...	1
...	2	3	5	2	1	2	2	2
...	...	1	...	...	...	2	...	...
5	3	3	17	6	7	8	2	6
...	...	...	...	...	...	1	...	...
2	11	3	8	5	8	5	9	10
3	16	20	39	16	12	33	11	10
2	1	4	1	1	...	2	...	1
1	7	2	7	2	2	8	3	1
...	9	5	4	1	4	1	3	1
...	2	1	1	...	1	1	...	...
...	3	...	...	...	...	...	1	...
...	5	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	2	1	...	...	1	...	1
...	1	2	1	1	...	3	1	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	2	2	...	...
1	3	...	3	3	2	5	1	...
...	...	...	...	...	...	...	...	...
1	...	2	2	2	1	1	2	1
...	1	...	1	...	1	...	...	...
1	...	...	2	...	...	1	...	...
1	4	3	...	...	...	...	...	2
2	6	4	13	6	4	9	...	1
19	78	59	118	47	47	95	35	39

TABLE IV.

## Causes of, and Ages at, Deaths of Residents Registered beyond the District.

CAUSES OF DEATH.	All Ages	under 1	1 & under 2	2 & under 5	5 & under 15	15 & under 25	25 & under 45	45 & under 65	65 & up- wards	North- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	2	...	...
Tuberculosis of Respiratory System	3	...	...	...	1	1	...	...	1	...	1	...	...	...	...	1	...	...
Other forms of Tuberculosis	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis and Polioencephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Infectious Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer of Buccal Cavity & Oesophagus (males only)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer of Uterus	2	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	1
Cancer of Stomach and Duodenum	3	...	...	...	...	...	...	2	1	...	...	1	...	...	1	...	...	...
Cancer of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer of all other Sites	20	...	...	...	...	1	1	7	11	1	...	1	7	2	5	3	1	...
Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Intra Cranial Vascular Lesions	15	...	...	...	...	1	1	4	9	...	1	1	3	1	4	...	3	2
Heart Disease	35	...	...	...	...	...	4	7	24	2	2	5	5	4	5	1	...	3
Other Diseases of Circulatory System	4	...	...	...	...	1	1	1	1	1	2	...	1	...	...	2	...	...
Bronchitis	4	...	...	1	...	...	...	...	2	...	...	...	1	...	...	...	...	1
Pneumonia	5	1	...	...	...	...	1	2	1	1	1	...	2	...	...	...	...	1
Other Respiratory Diseases	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...
Ulceration of Stomach or Duodenum	2	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	1	...
Diarrhoea (under 2 years of age)	2	2	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Appendicitis	...	...	...	...	...	...	1	3	...	...	...	2	...	...	...	...	...	1
Other Digestive Diseases	4	...	...	...	...	...	2	1	3	...	1	1	...	...	...	...	...	...
Nephritis	6	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...
Puerperal and Post-Abortive Sepsis	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...
Other Maternal Causes	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	7	7	...	...	...	...	...	...	...	...	...	...	2	2	...	1	2	...
Congenital Malformations, Birth Injury, Infantile Diseases	5	5	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	1
Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Road Traffic Accidents	4	...	...	...	1	...	...	1	2	1	...	...	2	...	...	...	...	...
Other Violent Causes	3	...	...	1	...	...	1	...	1	...	3	...	4	...	...	1	...	...
All other Causes	16	1	...	...	...	...	1	4	10	1	2	3	...	1	2	3	...	...
TOTALS	146	16	...	2	2	8	17	35	66	8	17	16	31	11	19	25	9	10



TABLE V.  
Infantile Mortality during the Year 1948.

CAUSES OF DEATH.	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 mth	1 to 3 mths.	3 to 6 mths.	6 to 9 mths.	9 to 12 mths.	Total Deaths under 1 year	North- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous) ...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...
Cerebro Spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis ...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...
Convulsions ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis ...	...	...	...	...	...	3	2	...	...	5	...	1	1	1	...	...	2	...	...
Bronchitis ...	...	...	...	...	...	5	6	...	1	13	...	5	2	...	...	3	1	2	...
Pneumonia (all forms) ...	...	...	1	...	1	...	1	...	...	2	...	2	...	...	...	...	...	...	...
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Digestive Diseases ...	...	...	...	...	...	...	2	...	...	3	...	3	...	...	...	...	...	...	...
Gastritis ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation Overlying ...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	1
Atelectasis ...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Congenital Malformations, Birth Injuries ...	7	...	...	...	7	2	...	2	...	11	1	3	2	2	2	...	1	2	1
Premature Birth ...	14	1	...	1	16	2	...	...	...	18	1	3	...	3	3	2	4	1	1
Atrophy, Debility and Marasmus ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Violent Deaths ...	1	...	...	...	1	1	...	...	...	2	...	...	...	...	...	...	...	...	1
Other Causes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS	23	1	1	1	26	16	12	2	2	58	2	14	6	7	5	6	9	5	4

TABLE VI.

Particulars of Work carried out by Health Visitors.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Number of Births Notified	94	104	106	84	110	102	77	87	83	86	83	98	1114
No. Notified by Doctors, etc.	6	10	8	3	7	7	8	6	11	7	6	7	86
„ „ Midwives	86	91	92	78	100	92	66	80	72	76	75	89	997
„ of Still Born	2	3	6	3	3	3	3	1	—	3	2	2	31
„ of First Visits to Infants	115	90	90	85	101	80	98	72	62	104	65	98	1060
„ of Re-Visits to Infants	485	433	531	461	720	342	642	457	422	603	308	393	5797
„ „ Children 1-5 years	697	745	786	742	1007	529	1030	774	610	708	360	411	8399
„ of First Visits to Expectant Mothers	23	26	18	29	19	17	39	19	10	—	—	—	200
„ of Re-Visits to Expectant Mothers	5	5	3	6	3	2	3	3	—	—	—	—	30
„ of Breast Fed Infants	72	59	53	45	75	52	63	41	45	71	50	65	691
„ of Partially Breast Fed Infants	22	12	10	18	10	7	14	8	3	11	6	10	131
„ of Artificially Fed Infants	21	19	27	22	16	21	22	23	14	22	9	23	238

TABLE VII.

Birth-rates, Civilian Death-rates, Analysis of Mortality,  
Maternal Mortality and Case-rates for certain Infectious  
Diseases in the year 1948.

England and Wales, London,  
126 Great Towns and 148  
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

	ENGLAND AND WALES.	126 COUNTY BOROUGH AND GREAT TOWNS INCLUDING LONDON.	148 SMALLER TOWNS (RESIDENT POPULATIONS 25,000 TO 50,000 AT 1931 CENSUS).	LONDON ADMINISTRATIVE COUNTY.	Wallsend
Rates per 1,000 Civilian Population.					
<b>Births :</b>					
Live ... ..	17.9	20.0	19.2	20.1	21.98
Still ... ..	0.42	0.52	0.43	0.39	0.89
<b>Deaths :</b>					
All Causes ... ..	10.8	11.6	10.7	11.6	11.1
Typhoid & Paratyphoid Fevers ... ..	0.00	0.00	0.00	0.00	0.00
Whooping Cough ... ..	0.02	0.02	0.02	0.01	0.00
Diphtheria ... ..	0.00	0.00	0.00	0.01	0.00
Tuberculosis ... ..	0.51	0.59	0.46	0.02	0.60
Influenza ... ..	0.03	0.03	0.04	0.02	0.06
Smallpox ... ..	—	—	—	—	—
Acute Poliomyelitis and Acute Polioencephalitis	0.01	0.01	0.01	0.00	0.00
Pneumonia ... ..	0.41	0.38	0.36	0.54	0.58
<b>Notifications :</b>					
Typhoid Fever... ..	0.01	0.00	0.01	0.00	0.00
Paratyphoid Fever ... ..	0.01	0.01	0.01	0.01	0.00
Cerebro Spinal Fever ... ..	0.03	0.03	0.02	0.03	0.02
Scarlet Fever ... ..	1.73	1.90	1.82	1.37	1.76
Whooping Cough ... ..	3.42	3.51	3.31	3.13	1.92
Diphtheria ... ..	0.08	0.10	0.19	0.10	0.04
Erysipelas ... ..	0.21	0.23	0.21	0.22	0.29
Smallpox ... ..	—	—	—	—	—
Measles ... ..	9.34	9.75	8.84	9.17	14.91
Pneumonia ... ..	0.73	0.84	0.60	0.57	1.32
Acute Poliomyelitis ... ..	0.04	0.05	0.04	0.04	0.00
Acute Polioencephalitis	0.00	0.00	0.00	0.00	0.00
Rates per 1,000 Live Births.					
Deaths under 1 year of age	34	39	32	31	54.6
Deaths from Diarrhoea and Enteritis under 2 years of age ... ..	3.3	4.5	2.1	2.4	4.7
<b>Maternal Mortality :</b>					
(excluding Abortion)					
Puerperal Infection (No. 147) ... ..	0.13	Not available.			—
Others ... ..	0.73				
Total ... ..	0.86				
<b>Notifications :</b>					
Puerperal Fever	6.89	8.90	4.71	—	—
Puerperal Pyrexia				7.34 inc. Puerperal Fever	3.77













